

OPINIONS AND DECLARATIONS RENDERED BY THE INTER- NATIONAL COMMISSION ON ZOOLOGICAL NOMENCLATURE

Edited by

FRANCIS HEMMING, C.M.G., C.B.E.
Secretary to the Commission

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DIRECTION 53

Addition to the *Official List of Family-Group Names in Zoology* of family-group names based upon the names of certain genera of the Order Carnivora (Class Mammalia) placed on the *Official List of Generic Names in Zoology* by the Ruling given in *Opinion 384* and matters incidental thereto

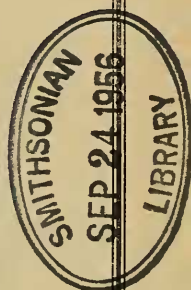
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INTERNATIONAL COMMISSION ON ZOOLOGICAL NOMENCLATURE

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DIRECTION 53

ADDITION TO THE "OFFICIAL LIST OF FAMILY-GROUP NAMES IN ZOOLOGY" OF FAMILY-GROUP NAMES BASED UPON THE NAMES OF CERTAIN GENERA OF THE ORDER CARNIVORA (CLASS MAMMALIA) PLACED ON THE "OFFICIAL LIST OF GENERIC NAMES IN ZOOLOGY" BY THE RULING GIVEN IN "OPINION" 384 AND MATTERS INCIDENTAL THERETO

RULING :—(1) The under-mentioned family-group names, each of which is the name of a family-group taxon, the name of the type genus of which was placed on the *Official List of Generic Names in Zoology* by the Ruling given in *Opinion* 384, are hereby placed on the *Official List of Family-Group Names in Zoology* with the Name Numbers severally specified below :—

- (a) AILURIDAE (correction of AILURINA) Gray (J.E.), 1843 (first published in correct form as AILURIDAE by Flower, 1869) (type genus : *Ailurus* Cuvier (G.F.), 1826) (Name No. 101) ;
- (b) ARCTOGALIDIINAE Pocock, 1933 (type genus : *Arctogalidia* Merriam, 1897) (for use by those specialists who regard *Arctogalidia* Pocock and *Paradoxurus* Cuvier (G.F.), 1821, as being referable to different family-group taxa) (Name No. 102) ;
- (c) CRYPTOPROCTIDAE (correction of CRYPTOPROCTINA) Gray (J.E.), [1865] (first published in correct form as CRYPTOPROCTIDAE by Flower, 1869) (type genus : *Cryptoprocta* Bennett, 1833) (Name No. 103) ;
- (d) CYNOGALINAE (correction of CYNOGALINA) Gray (J.E.), [1865] (first published in correct form as

- CYNOGALINAE by Gill, 1872) (type genus : *Cynogale* Gray (J.E.), [1837]) (Name No. 104) ;
- (e) ENHYDRINAE (correction of ENHYDRINA) Gray (J.E.), 1825 (first published in correct form as ENHYDRINAE by Gill, 1872) (type genus : *Enhydra* Fleming, 1822) (for use by specialists who regard *Enhydra* Fleming and *Lutra* Brisson, 1762, as being referable to different family-group taxa) (Name No. 105) ;
- (f) EUPLERIDAE Chenu, [1850—1858] (type genus : *Eupleres* Doyère, 1855) (for use by those specialists who regard *Eupleres* Doyère and *Hemigalus* Jourdan, 1837, as being referable to different family-group taxa) (Name No. 106) ;
- (g) HERPESTINAE (correction of HERPESTINA) Bonaparte, 1845 (first published in correct form as HEPESTINAE by Gill, 1872) (type genus : *Herpestes* Illiger, 1811) (Name No. 107) ;
- (h) MELLIVORINAE (correction of MELLIVORINA) Gray (J.E.), 1865 (first published in correct form as MELLIVORINAE by Gill, 1872) (type genus : *Mellivora* Storr, 1780) (Name No. 108) ;
- (i) NANDINIIDAE Pocock, 1929 (type genus : *Nandinia* Gray (J.E.), 1843) (Name No. 109) ;
- (j) OTOCYONIDAE Trouessart, 1885 (type genus : *Otocyon* Müller (J.), 1836) (Name No. 110) ;
- (k) PARADOXURINAE (correction of PARADOXURINA) Gray (J.E.), [1865] (first published in correct form as PARADOXURINAE by Gill, 1872) (type genus : *Paradoxurus* Cuvier (G.F.), 1821) (Name No. 111) ;
- (l) PROTELIDAE (correction of PROTELINA) Geoffroy Saint Hilaire (I.), 1851 (first published in correct form as PROTELIDAE by Flower, 1869) (type genus : *Proteles* Geoffroy Saint Hilaire (I.), 1824) (Name No. 112) ;

- (m) SURICATIDAE Cope, 1882 (type genus : *Suricata* Desmarest, 1804) (for use by those specialists who regard *Suricata* Desmarest, and *Herpestes* Illiger, 1811, as being referable to different family-group taxa) (Name No. 113) ;
- (n) TAXIDEINAE (correction of TAXIDIINAE) Pocock, [1922] (type genus : *Taxidea* Waterhouse (G.R.), 1839) (for use by those specialists who regard *Taxidea* Waterhouse and *Meles* Brisson, as being referable to different family-group taxa) (Name No. 114) ;
- (o) VIVERRIDAE Gray (J.E.), 1821 (type genus : *Viverra* Linnaeus, 1758) (Name No. 115).

(2) The under-mentioned family-group names, each of which is an Invalid Original Spelling for a name placed on the *Official List of Family-Group Names in Zoology* the Ruling given in (1) above, are hereby placed on the *Official Index of Rejected and Invalid Family-Group Names in Zoology* with the Name Numbers severally specified below :—

- (a) AILURINA Gray (J.E.), 1843 (type genus : *Ailurus* Cuvier (G.F.), 1826) (an Invalid Original Spelling for AILURIDAE) (Name No. 92) ;
- (b) CRYPTOPROCTINA Gray (J.E.), [1865] (type genus : *Cryptoproctus* Bennett, 1833) (an Invalid Original Spelling for CRYPTOPROCTIDAE) (Name No. 93) ;
- (c) CYNOGALINA Gray (J.E.), [1865] (type genus : *Cynogale* Gray (J.E.), [1837]) (an Invalid Original Spelling for CYNOGALINAE) (Name No. 94) ;
- (d) ENHYDRINA Gray (J.E.), 1825 (type genus : *Enhydra* Fleming, 1822) (an Invalid Original Spelling for ENHYDRINAE) (Name No. 95) ;
- (e) HERPESTINA Bonaparte, 1845 (type genus : *Herpestes* Illiger, 1811) (an Invalid Original Spelling for HERPESTINAE) (Name No. 96) ;

- (f) MELLIVORINA Gray (J.E.), 1865 (type genus : *Mellivora* Storr, 1780) (an Invalid Original Spelling for MELLIVORINAE) (Name No. 97) ;
- (g) PARADOXURINA Gray (J.E.), [1865] (type genus : *Paradoxurus* Cuvier (G.F.), 1821) (an Invalid Original Spelling for PARADOXURINAE) (Name No. 98) ;
- (h) PROTELINA Geoffroy Saint Hilaire (L.), 1851 (type genus : *Proteles* Geoffroy Saint Hilaire (L.), 1824 (an Invalid Original Spelling for PROTELIDAE) (Name No. 99) ;
- (i) TAXIDIINAE Pocock, [1922] (type genus : *Taxidea* Waterhouse (G.R.), 1839) (an Invalid Original Spelling for TAXIDEINAE) (Name No. 100).

I.—THE SUBJECT MATTER OF THE PRESENT “ DIRECTION ”

The present *Direction* contains the decisions taken by the International Commission on Zoological Nomenclature for the purpose of giving effect, so far as concerns the names of genera of the Order Carnivora (Class Mammalia) dealt with in *Opinion* 384¹, to the General Directive given to it by the International Congress of Zoology that, when generic names are dealt with in *Opinions*, the family-group name implications are also to be considered. The proposals on which the decisions in the present case were based were submitted to the International Commission on

¹ *Opinion* 384 has since been published as Part 5 of the present volume of the *Opinions and Declarations* Series.

16th May 1956 in the following paper prepared by the Secretary in the light of the opinions held by leading authorities :—

Report on the family-group-name problems arising in connection with the names of genera of the Order Carnivora (Class Mammalia) placed on the " Official List of Generic Names in Zoology " by the Ruling given in " Opinion " 384

By FRANCIS HEMMING, C.M.G., C.B.E.,

(Secretary to the International Commission on Zoological Nomenclature)

The purpose of the present Report is to redeem an undertaking given in paragraph 13 of my First Report on the late Dr. C. W. Stiles's proposals relating to the stabilisation of the names of genera of the Order Carnivora (Class Mammalia) that, as soon as the generic names in question had been placed on the *Official List of Generic Names in Zoology* I would submit a further Report dealing with the family-group-name problems connected with those names. An abstract from the foregoing First Report was submitted to the Commission on 23rd February 1955 in connection with Voting Paper V.P.(O.M.) (55)7.

2. The total number of generic names placed on the *Official List of Generic Names in Zoology* as the result of the decision taken by the Commission on the foregoing Voting Paper was fifty-two. Of these, twenty-three have been taken as bases for the names of family-group taxa, while the remaining twenty-nine genera are currently placed in family-group taxa having other genera as their respective type genera. The genera concerned are :—

(a) *Genera which have not been made the type genera of family-group taxa (29 genera) :*

Alopex ; Amblonyx ; Arctictis ; Atilax ; Bdeogale ; Conepatus ; Fennecus ; Helarctos ; Helogale ; Ichneumia ; Melursus ; Poecilogale ; Rhynchogale ; Spilogale ; Thalarctos ; Urocyon ; Viverricula ; Vormela ; Galerella ; Icticyon ; Leucomitra ; Lutreola ; Oryctogale ; Paracynictis ; Civettictis ; Crossarchus ; Poiana ; Pteronura ; Xenogale ;

(b) *Genera which have been made the type genera of family-group taxa (23 genera) :*

Ailurus ; Arctogalidia ; Bassariscus ; Cryptoprocta ; Cuon ; Cynogale ; Enhydra ; Eupleres ; Helictis ; Herpestes ;

Lycoan ; *Mellivora* ; *Mungos* ; *Mydaus* ; *Nandinia* ; *Otocyon* ;
Paradoxurus ; *Proteles* ; *Suricata* ; *Taxidea* ; *Viverra* ;
Speothos ; *Acinonyx*.

3. A careful search has been made of the literature (standard catalogues and checklists, monographs and revisions) to determine which of the family-group names concerned are currently accepted as the names of taxonomically valid units. Notable among the important modern works which have proved of great value in this connection are the following :—

- (a) Simpson (G.G.), 1945 : “ The principles of classification and a classification of Mammals ” *Bull. Amer. Mus. nat. Hist.* **85** : i-xvi, 1-114
- (b) Ellerman (J.) & Morrison-Scott (T.C.S.), 1951 : *Checklist of Palaearctic and Indian Mammals 1758 to 1946*
- (c) Ellerman (J.), Morrison-Scott (T.C.S.) & Hayman (R.W.), 1953 : *Southern African Mammals 1758 to 1951 : a reclassification*
- (d) Laurie (E.M.O.) & Hill (J.E.), 1954 : *List of Land Mammals of New Guinea, Celebes and adjacent Islands 1758 to 1952*
- (e) Miller (G.S.) & Kellogg (C.R.), 1955 : “ List of North American Recent Mammals ” (*Bull. U.S. nat. Mus.* 205)

4. The investigations carried out show that out of the twenty-three nominal family-group taxa involved fifteen are accepted by all or most authors as representing taxonomically valid units, though not in every case of the same category within the family-group of categories as that assigned to the taxon concerned by the original author. The remaining eight family-group names do not appear to be in use at the present time. It is accordingly proposed that under the General Directive issued to the Commission by the International Congress of Zoology the fifteen names referred to above should now be placed on the *Official List of Family-Group Names in Zoology*, an endorsement being made against each of the names which is in general, but not universal, use that it is placed on the *Official List* for use by those specialists who consider on taxonomic grounds that the type genus of the family-group taxon concerned requires such separation at the family-group level. Full particulars of these names are given in Annexe 1 to the present note. In Annexe 3 are given brief particulars of the eight family-group names which on account of non-usage it is not proposed should be placed on the *Official List* at the present time.

5. In nine cases the family-group names concerned were published with incorrect spellings. It is proposed that in accordance with

precedent these Invalid Original Spellings should now be placed on the *Official Index of Rejected and Invalid Family-Group Names in Zoology*. Particulars of these names are given in Annexe 2.

6. It is recommended that in compliance with the General Directive issued by the International Congress of Zoology in relation to the placing on the *Official List of Family-Group Names in Zoology* of family-group names based upon generic names placed on the *Official List of Generic Names in Zoology* the International Commission should now :—

- (1) place on the *Official List of Family-Group Names in Zoology* the fifteen family-group names enumerated in Annexe 1 to the present note ;
- (2) place on the *Official Index of Rejected and Invalid Family-Group Names in Zoology* the nine names enumerated in Annexe 2 of the present note.

ANNEXE 1

Proposed addition to the “ Official List of Family-Group Names in Zoology ” of the family-group names for fifteen taxa belonging to the Order Carnivora, the names of the type genera of which have been placed on the “ Official List of Generic Names in Zoology ”

1. AILURIDAE (correction of AILURINA) Gray (J.E.), 1843, *List Spec. Mamm. Coll. Brit. Mus.* : xxi (type genus : *Ailurus* Cuvier (G.F.), 1826) (first published in correct form as AILURIDAE by Flower, 1869, *Proc. zool. Soc. Lond.* **1869** : 37)
2. ARCTOGALIDIINAE Pocock, 1933, *Proc. zool. Soc. Lond.* **1933** (No. 2) : 967, 977 (type genus : *Arctogalidia* Merriam, 1897) (for use by those specialists who regard *Arctogalidia* Pocock and *Paradoxurus* Cuvier (G.F.), 1821, as referable to different family-group taxa)
3. CRYPTOPROCTIDAE (correction of CRYPTOPROCTINA) Gray (J.E.) [1865] *Proc. zool. Soc. Lond.* **1864** (3) : 508, 545 (type genus : *Cryptoprocta* Bennett, 1833) (first published in correct form as CRYPTOPROCTIDAE by Flower, 1869, *Proc. zool. Soc. Lond.* **1869** : 37)
4. CYNOGALINAE (correction of CYNOGALINA) Gray (J.E.) [1865] *Proc. zool. Soc. Lond.* **1864** (3) : 507, 521 (type genus : *Cynogale*

- Gray (J.E.), [1837]) (first published in correct form as CYNOGALINAE by Gill, 1872, *Smithson. misc. Coll.* **230** : 4, 62)
5. ENHYDRINAE (correction of ENHYDRINA) Gray (J.E.), 1825, Thompson's *Ann. Phil.* (n.s.) **10** (5) : 340 (type genus : *Enhydra* Fleming, 1822) (first published in correct form as ENHYDRINAE by Gill, 1872, *Smithson. misc. Coll.* **230** : 6, 65) (for use by those specialists who regard *Enhydra* Fleming and *Lutra* Brisson, 1762 as referable to different family-group taxa)
 6. EUPLERIDAE Chenu, [1850—1858], *Ency. Hist. nat.*, Carnassiers **1** : 165 (type genus : *Eupleres* Doyère, 1835) (for use by those specialists who regard *Eupleres* Doyère and *Hemigalus* Jourdan, 1837, as referable to different family-group taxa)
 7. HERPESTINAE (correction of HERPESTINA) Bonaparte, 1845 (*Cat. met. Mamm. Europ.* : 3, 8 (type genus : *Herpestes* Illiger, 1811) (first published in correct form as HERPESTINAE by Gill, 1872, *Smithson. misc. Coll.* **230** : 5, 61)
 8. MELLIVORINAE (correction of MELLIVORINA) Gray (J.E.), 1865, *Proc. zool. Soc. Lond.* **1865** : 103, 154 (type genus : *Mellivora* Storr, 1780) (first published in correct form as MELLIVORINAE by Gill, 1872, *Smithson. misc. Coll.* **230** : 6, 66)
 9. NANDINIIDAE Pocock, 1929, *Ency. brit.* (ed. 14) **3** : 898 (type genus : *Nandinia* Gray (J.E.), 1843)
 10. OTOCYONIDAE Trouessart, 1885, *Cat. Mamm. viv. foss.* (Fasc. IV : Carniv.) : 51 (published as a suppl. to *Bull. Soc. Etud. Sci. Angers* **15**) (type genus : *Otocyon* Müller (J.), 1836)
 11. PARADOXURINAE (correction of PARADOXURINA) Gray (J.E.), [1865], *Proc. zool. Soc. Lond.* **1864** (3) : 508, 526 (type genus : *Paradoxurus* Cuvier (G.F.), 1821) (first published in correct form as PARADOXURINAE by Gill, 1872, *Smithson. misc. Coll.* **230** : 4, 61)
 12. PROTELIDAE (correction of PROTELINA) Geoffroy Saint Hilaire (I.), 1851, *Cat. méth. Coll. Mamm. Ois.* : xiv (Mus. Hist. nat. Paris) (type genus : *Proteles* Geoffroy Saint Hilaire (I.), 1824) (first published in correct form as PROTELIDAE by Flower, 1869, *Proc. zool. Soc. Lond.* **1869** : 37)
 13. SURICATIDAE Cope, 1882, *Proc. amer. phil. Soc.* **20** (112) : 474 (type genus : *Suricata* Desmarest, 1804) (for use by those specialists who regard *Suricata* Desmarest and *Herpestes* Illiger, 1811, as referable to different family-group taxa)
 14. TAXIDEINAE (correction of TAXIDIINAE) Pocock, [1922], *Proc. zool. Soc. Lond.* **1921** (4) : 835 (type genus : *Taxidea* Waterhouse

(G.R.), 1839) (for use by those specialists who regard *Taxidea* Waterhouse and *Meles* Brisson, 1762, as referable to different family-group taxa)

15. VIVERRIDAE Gray (J.E.), 1821, *London med. Repository* **15** : 301 (type genus : *Viverra* Linnaeus, 1758)

ANNEXE 2

Proposed addition of nine names to the "Official Index of Rejected and Invalid Family-Group Names in Zoology"

1. AILURINA Gray (J.E.), 1843, *List Spec. Mamm. Coll. Brit. Mus.* : xxi (an Invalid Original Spelling for AILURIDAE)
2. CRYPTOPROCTINA Gray (J.E.), [1865], *Proc. zool. Soc. Lond.* **1864** (3) : 508, 545 (an Invalid Original Spelling for CRYPTOPROCTIDAE)
3. CYNOGALINA Gray (J.E.), [1865], *Proc. zool. Soc. Lond.* **1864** (3) : 507, 521 (an Invalid Original Spelling for CYNOGALINAE)
4. ENHYDRINA Gray (J.E.), 1825, Thompson's *Ann. Phil.* (n.s.) **10** (5) : 340 (an Invalid Original Spelling for ENHYDRINAE)
5. HERPESTINA Bonaparte, 1845, *Cat. met. Mamm. Europ.* : 3, 8 (an invalid original spelling for HERPESTINAE)
6. MELLIVORINA Gray (J.E.), 1865, *Proc. zool. Soc. Lond.* **1865** : 103 (an Invalid Original Spelling for MELLIVORINAE)
7. PARADOXURINA Gray (J.E.), [1865], *Proc. zool. Soc. Lond.* **1864** (3) : 508, 526 (an Invalid Original Spelling for PARADOXURINAE)
8. PROTELINA Geoffroy Saint Hilaire (I.), 1851, *Cat. méth. Coll. Mamm. Ois.* : xiv (Mus. Hist. nat. Paris) (type genus : *Proteles* Geoffroy Saint Hilaire, 1851) (an Invalid Original Spelling for PROTELIDAE)
9. TAXIDIINAE Pocock, [1922], *Proc. zool. Soc. Lond.* **1921** (4) : 835 (an Invalid Original Spelling for TAXIDEINAE)

ANNEXE 3

Eight generic names in the Order Carnivora which have been taken as the base for family-group names which by reason of not being in current use it is not proposed should be placed on the "Official List of Family-Group Names in Zoology"

1. *Bassariscus* Coues, 1887 : This generic name is a replacement of the invalid name *Bassaris* Lichtenstein, [1830]. On the

- basis of this name Gray (J.E.), 1869 (*Cat. carniv. pachyd. edent. Mamm. Brit. Mus.* : 246) erected the nominal family BASSARIDAE. In 1887 Coues replaced the generic name *Bassaris* Lichtenstein by the name *Bassariscus*. The genus *Bassariscus* Coues is currently placed in the nominate subfamily of the family PROCYONIDAE.
2. *Cuon* Hodgson, 1838 : Miller (G.S.), 1924 (*Bull. U.S. nat. Mus.* **128** : 155) made the generic name *Cuon* Hodgson the base of a family-group name CUONINAE. The genus *Cuon* Hodgson is currently placed in the sub-family SIMOCYONINAE of the family CANIDAE.
 3. *Helictis* Gray (J.E.), 1831 : In 1865 (*Proc. zool. Soc. Lond.* **1865** : 105, 152) Gray established the nominal family-group taxon HELICTIDINA based upon the generic name *Helictis*. In 1872 (*Smithson. misc. Coll.* **230** : 6, 64) Gill published this name in due form as HELICTIDINAE. The genus *Helictis* is currently placed in the subfamily MELINAE of the family MUSTELIDAE.
 4. *Lycaon* Brookes, 1827 : Gray (J.E.) in [1869] (*Proc. zool. Soc. Lond.* **1868** (3) : 494, 495) established the nominal family-group taxon LYCAONINA based upon the generic name *Lycaon* Brookes. This name was first published with an approved termination as LYCAONIDAE by Rochebrune in 1833 (*Faun. Senegamb.* : 86, 154). The genus *Lycaon* is currently placed in the subfamily SIMOCYONINAE of the family CANIDAE.
 5. *Mungos* Geoffroy Saint Hilaire (E.) & Cuvier (G.F.), **1795** : The generic name *Mungos* Geoffroy Saint Hilaire & Cuvier was taken as the base for a family-group name in [1865] (*Proc. zool. Soc. Lond.* **1864** (3) : 509) by Gray (J.E.) when he established the nominal family-group taxon MUNGOSINA. This name was first published with an approved termination as MUNGOTIDAE by Pocock in 1916 (*Proc. zool. Soc. Lond.* **1916** (No. 1) (2) : 349). The genus *Mungos* is currently placed in the subfamily HERPESTINAE of the family VIVERRIDAE.
 6. *Mydaus* Cuvier (G.F.), 1821 : In 1825 (Thompson's *Ann. Phil.* (n.s.) **10** (5) : 339) Gray (J.E.) established the nominal family group taxon MYADINA [sic] on the basis of the generic name *Mydaus* Cuvier. This family-group name was first published in due form as MYDAINAE by Pocock in [1922] (*Proc. zool. Soc. Lond.* **1921** (No. 2) (4) : 834). The genus *Mydaus* is currently placed in the subfamily MELINAE of the family MUSTELIDAE.
 7. *Speothos* Lund, 1839 : The genus *Speothos* Lund was taken as the type genus of the nominal family-group taxon SPEOTHOINAE

by Pocock in 1914 (*Proc. zool. Soc. Lond.* **1914** (No. 2) (4) : 929). This genus is currently placed in the subfamily SIMOCYONINAE of the family CANIDAE.

8. *Acinonyx* Brookes, 1828 : In 1917 (*Ann. Mag. nat. Hist.* (8) **20** (199) : 332) Pocock established the nominal family-group taxon on the basis of the generic name *Acinonyx* Brookes. This genus is currently placed in the nominate subfamily of the family FELIDAE.

2. Registration of the present application : Upon the receipt of Mr. Hemming's paper the question of the action to be taken to deal with the family-group-name problems involved in the connection with the names of genera of the Order Carnivora placed on the *Official List of Generic Names in Zoology* by the Ruling given in *Opinion* 384 was allotted the Registered Number Z.N.(S.) 959.

II.—THE DECISION TAKEN BY THE INTERNATIONAL COMMISSION ON ZOOLOGICAL NOMENCLATURE

3. Issue of Voting Paper V.P.(O.M.)(56)9 : On 16th May 1956, a Voting Paper (V.P.(O.M.)(56)9) was issued in which each Member of the Commission was asked (1) to state whether he agreed "that, in conformity with the General Directive relating to the recording on the various *Official Lists* and *Official Indexes* of decisions in regard to particular names and particular books issued to the International Commission by the Thirteenth International Congress of Zoology, Paris, 1948, and with the General Directive supplementary thereto issued to the Commission by the Fourteenth International Congress of Zoology, Copenhagen 1953, the entries as respects the family-group names involved in connection with the names of genera of the Order Carnivora

(Class Mammalia) placed on the *Official List of Generic Names in Zoology* by the vote taken by the Commission on Voting Paper V.P.(O.M.)(55)7 and since embodied in *Opinion 384* (now in the press)² recommended in paragraph 6 of the Report bearing the Registered Number Z.N.(S.) 959 submitted by the Secretary simultaneously with the present Voting Paper [i.e. in Annexe 1 and Annexe 2 of the paper reproduced in the first paragraph of the present *Direction*], should be made in the *Official List* and *Official Index* for the names of taxa belonging to the family-group, as there proposed" and (2), if he did not agree as regards any given item, to indicate that item.

4. The Prescribed Voting Period : As the foregoing Voting Paper was issued under the One-Month Rule, the Prescribed Voting Period closed on 16th June 1956.

5. Particulars of the Voting on Voting Paper V.P.(O.M.)(56)9 : At the close of the Prescribed Voting Period, the state of the voting on Voting Paper V.P.(O.M.)(56)9 was as follows :—

(a) *Affirmative Votes had been given by the following twenty-four (24) Commissioners (arranged in the order in which Votes were received) :*

Holthuis ; Stoll ; Vokes ; Mayr ; Bonnet ; Bodenheimer ; Dymond ; Hering ; do Amaral ; Mertens ; Lemche ; Key ; Esaki ; Miller ; Riley ; Bradley (J.C.) ; Hemming ; Kühnelt ; Tortonese ; Sylvester-Bradley ; Boschma ; Prantl ; Jaczewski ; Hankó ;

(b) *Negative Votes :*

None ;

² See Footnote 1 above.

(c) *Voting Papers not returned one (1) :*

Cabrera.

6. Declaration of Result of Vote : On 17th June 1956, Mr. Hemming, Secretary to the International Commission, acting as Returning Officer for the Vote taken on Voting Paper V.P.(O.M.)(56)9, signed a Certificate that the Votes cast were as set out in paragraph 5 above and declaring that the proposal submitted in the foregoing Voting Paper had been duly adopted and that the decision so taken was the decision of the International Commission in the matter aforesaid.

7. Preparation of the Ruling given in the present " Direction " : On 20th June 1956 Mr. Hemming prepared the Ruling given in the present *Direction* and at the same time signed a Certificate that the terms of that Ruling were in complete accord with those of the proposal approved by the International Commission in its Vote on Voting Paper V.P.(O.M.)(56)9.

8. Original References : The original references for the names placed respectively on the *Official List of Family-Group Names in Zoology* and on the *Official Index of Rejected and Invalid Family-Group Names in Zoology* by the Ruling given in the present *Direction* are as set out in Annexe 1 and Annexe 2 to the present application respectively (paragraph 1 above).

9. The prescribed procedures were duly complied with by the International Commission on Zoological Nomenclature in dealing with the present case, and the present *Direction* is accordingly hereby rendered in the name of the said International Commission by the under-signed Francis Hemming, Secretary to the International Commission on Zoological Nomenclature, in virtue of all and every the powers conferred upon him in that behalf.

10. The present *Direction* shall be known as *Direction Fifty-Three (53)* of the International Commission on Zoological Nomenclature.

DONE in London, this Twentieth day of June, Nineteen Hundred and Fifty-Six.

*Secretary to the International Commission
on Zoological Nomenclature*

FRANCIS HEMMING